B&K PRECISION
SETTING NEW STANDARDS IN PERFORMANCE & VALUE

MODELS 1870, 1875
Handheld Frequency Counters

Data Sheet

The new 1870 and 1875 handheld frequency counters from B&K Precision will measure up to 1.25GHz and 2.5 GHz respectively. These new counters are battery operated or can be powered from an AC adapter for bench operation.

These counters offer multiply channel inputs, selectable sensitivity gate time and frequency range. Unique features include: HOLD which freezes the display for later viewing, RELATIVE, which nulls a reading and displays the difference from the original reading, and RECORD and CALL, this feature stores a reading in memory and recall minimum, maximum and average values it with the push of a button. Coupled with the available accessories these counters will become an indispensable part of your T&M toolbox.

- Small, handheld portability
- Selectable Sensitivity 10 - 150mV rms
- Frequency Range — Model 1870 - 10 Hz - 1250 MHz; Model 1875 - 10Hz - 2500 MHz
- Inputs — Model 1870 - 2 channel selection; Model 1875 - 3 channel selection

Specifications

	1870	1875	
Display	13mm (0.5") LCD, 8 digits		
Range	Frequency: Channel A - 500 MHz, 1250 MHz Channel B - 10 MHz (10 Hz to 10 MHz)	2500 MHz 500 MHz 10 MHz	50 MHz to 2500 MHz 10 MHz to 500 MHz 10 Hz to 10 MHz
	Period: 10 Hz to 10 MHz	Period: 10 Hz to 10 MHz	
Sensitivity (rms)	≤250mV typical, less on other frequency ranges	≤120mV typical, less on other frequency ranges	
Frequency Accuracy	± (4 PPM + 1d)		
Power Supply	4 x 1.5 V AA (UM-3) batteries		
Dimensions (LxWxH)	173 x 80 x 35 mm (6.8 x 3.1 x 1.4")		
Weight	340g (0.75lb) including batteries		

Accessories

CC-41	Cable, 36" BNC to BNC
CCNN-23	Safety Hook-up Cable, Double N Connectors
CCPB-21	Safety Hook-up Cable, BNC to Alligator
ADNB-24	BNC to N Coupler
AT-20	Telescoping Antenna, BNC Connector
LC-29A	Vinyl Carrying Case

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